502528429 10/10/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2573677

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			
CONVEYING PARTY DATA				
Name		Execution Date		
James Grundner		10/10/2013		

RECEIVING PARTY DATA

Name:	FMR LLC
Street Address:	82 DEVONSHIRE STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02109

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13325289

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 617-542-5070

 Email:
 apsi@fr.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: CHRISTINA V. MCDONOUGH Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	08575-0150001
NAME OF SUBMITTER:	MARY FLORCZAK
Signature:	/Mary Florczak/
Date:	10/10/2013

Total Attachments: 2

source=085750150Assignment#page1.tif source=085750150Assignment#page2.tif

PATENT REEL: 031383 FRAME: 0434 13325

Attorney's Docket No.: 08575-0150001 / 201100417

ASSIGNMENT

For valuable consideration, I, JAMES GRUNDNER of Cary, North Carolina, hereby assign to FMR LLC, a corporation of Delaware having a place of business at 82 Devonshire Street, Boston, MA 02109; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled AUGMENTED REALITY SYSTEM FOR RE-CASTING A SEMINAR WITH PRIVATE CALCULATIONS, filed 12/14/2011, and assigned U.S. Serial Number 13/325,289, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 2

Attorney's Docket No.: 08575-0150001 / 201100417

Date: 10/10/13	Janes Hard
Witnessed by:	JÁMES GRUNDNER
Name:	Date:
Name:	Date:

23103441.doc

Assignment Page 2 of 2

PATENT REEL: 031383 FRAME: 0436